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Web Services
eSub Services Web Service

Version 1.0

Prepared For:

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Document History

Document Location

Ensure that this document is current. Printed documents and locally copied files may become obsolete due to changes to the master document. The original source of the document is located in the eRA project's documentation repository in ClearCase: Apps\eRAExchange\docs\3.analysis&design\design\ eSub.eSubServices.service.ws.doc

Revision History

Version Number	Revision Date	Author	Summary of Changes
1.0	01/26/09	eRA Team 1	Initial Version created

Table of Contents

1. PURPOSE

The purpose of this document is to provide a general description of the eSub Services Web Service.

2. GENERAL DESCRIPTION

The eSub Services web service returns status of a grant, person information, validation messages from the eRA database. It also allows updating person information. It is invoked via SOAP over HTTPS.

3. OPERATIONS

There are four operations in the eSub Services web service:

- getGrantStatus
    - o   Retrieves grant application status details. Requestor must have permission to access that organizations application.
- getPersonInf   o
    - o   Retrieves person information. Requestor must have permission to access accounts for the associated organization.
- getValidation   Messages
    - o   Retrieves business validation error and/or warning messages resulting from the processing of an electronic grant application.
- updatePe   rsonInfo
    - o   Allows updating of person information. Requestor must have permission to access accounts for the associated organization. A confirmation message is sent verifying the new person information details.

4. INPUT SCHEMAS

- getGrantStatus
    - o   Input (case insensitive)
        - *   GrantStatusRequest that includes accession number, tracking number, grant number, and project title
    - o Output
        - *   GrantStatusResponse that includes tracking number, grant number, project title, accession number, grant status, grant status date, proposal receipt date, esubmission status, esubmission status date, IRG assignment, study section meeting, advisory council meeting, PO contact, GMS contact, and SRA contact
- getPersonInf   o
    - o   Input (case insensitive)
        - *   Commons user id
    - o Output
        - *   PersonInfoResponse that includes organization id, commons user id, role type, person name, employment address, preferred address code, contact, list of degrees, position title, list of prior awarded grants
- getValidation   Messages
    - o   Input (case insensitive)
        - *   ValidationMessagesRequest that includes accession number and tracking number
    - o Output
        - *   List of validation messages
- updatePe   rsonInfo

- o Input
    - * PersonInfoUpdateRequest that includes Commons user id, role type, person name, address modification type, employment address, contact, position title, preferred address code, and list of degrees
- o Output
    - * PersonInfoUpdateResponse that includes a success flag, and a list of error messages along with their types

5. OUTPUT SCHEMAS

- getGrantStatus
    - * GrantStatusResponse that includes tracking number, grant number, project title, accession number, grant status, grant status date, proposal receipt date, esubmission status, esubmission status date, IRG assignment, study section meeting, advisory council meeting, PO contact, GMS contact, and SRA contact
- getPersonInf o
    - * PersonInfoResponse that includes organization id, commons user id, role type, person name, employment address, preferred address code, contact, list of degrees, position title, list of prior awarded grants
- getValidation   Messages
    - * List of validation messages
- updatePe   rsonInfo
    - * PersonInfoUpdateResponse that includes a success flag, and a list of error messages along with their types

6. USE CASES

- getGrantStatus
    - o System checks to see whether the user is authorized to perform this operation. If authorized, then the system retrieves the grant status details from the eRA database for the provided input.
- getPersonInf o
    - o System checks to see whether the user is authorized to perform this operation. If authorized, then the system retrieves the person information from the eRA database.
- getValidation   Messages
    - o System checks to see whether the user is authorized to perform this operation. If authorized, then the system retrieves the validation messages for a grant application.
- updatePe   rsonInfo
    - o System checks to see whether the user is authorized to perform this operation. If authorized, then the system updates the person information in the eRA database.

7. HOW TO ACCESS

WSDL for Invoking the web service

- Develo   pment -- https://webappdev1.era.nih.gov/eraexchange/eSubServices?wsdl
- Produ   ction -- https://esub.era.nih.gov/eraexchange/eSubServices?wsdl